

Title (en)

APPARATUS AND METHOD FOR SEPARATING AUDIO OBJECTS FROM THE COMBINED AUDIO STREAM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TRENNUNG VON AUDIOELEMENTEN VON EINEM KOMBINIERTEN AUDIOSTROM

Title (fr)

APPAREIL ET PROCEDE PERMETTANT DE SEPARER DES OBJETS AUDIO D'UN FLUX AUDIO COMBINE

Publication

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Application

EP 05774408 A 20050709

Priority

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Abstract (en)

[origin: WO2006006812A1] The present research, which relates to a terminal and a method for separating audio objects from a combined audio stream, suggests a node structure that can separate audio objects which are compressed into one elementary stream by using Binary Format Scene and provides a terminal capable of separating the audio objects from the combined audio stream by using the suggested node structure, and a method thereof. The terminal includes: a decoder for decoding an elementary stream having audio objects compressed therein to thereby produce a decoded audio stream; and a compositor for separating the audio objects from the decoded audio stream by using an audio object separation node, and forming an audio scene by using the separated audio objects wherein the audio object separation node includes: a field for describing the number of audio objects to be separated; and a field for describing whether to perform object separation.

IPC 8 full level

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Citation (search report)

- [X1] GUILLAUME POTARD ET AL: "Proposal on the use of Digital Items and Digital Item Adaptation to transmit interactive 3D Audio content", ITU STUDY GROUP 16 - VIDEO CODING EXPERTS GROUP -ISO/IEC MPEG & ITU-T VCEG(ISO/IEC JTC1/SC29/WG11 AND ITU-T SG16 Q6), XX, XX, no. M8553, 25 July 2002 (2002-07-25), XP030037509
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- [A] ERIC SCHEIRER: "Audio nodes and normative audio composition text for Systems CD", ITU STUDY GROUP 16 - VIDEO CODING EXPERTS GROUP -ISO/IEC MPEG & ITU-T VCEG(ISO/IEC JTC1/SC29/WG11 AND ITU-T SG16 Q6), XX, XX, no. M2734, 18 October 1997 (1997-10-18), XP030032008
- [A] ERIC D SCHEIRER ET AL: "AudioBIFS: Describing Audio Scenes with the MPEG-4 Multimedia Standard", IEEE TRANSACTIONS ON MULTIMEDIA, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 1, no. 3, 1 September 1999 (1999-09-01), XP011036298, ISSN: 1520-9210
- See references of WO 2006006812A1

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